



Atty Docket: 2003-IP-012001 (1391-45200)

Patent

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicants: David Joe Steele, *et al.*

Serial No.: 10/680,901

Filed: October 6, 2003

For: LOOP SYSTEMS AND METHODS OF USING  
THE SAME FOR CONVEYING AND  
DISTRIBUTING THERMAL ENERGY INTO A  
WELLBORE

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Group Art Unit: 3672

Examiner: Hoang C. Dang

Confirmation No.: 6365

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CERTIFICATE OF MAILING

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*Edith Shek*  
Edith S. Shek

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SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT

Commissioner:

This Supplemental Information Disclosure Statement, including completed Form PTO/SB/08A, comprises a list of additional pertinent art of which Applicants are aware. A copy of the foreign document listed on Form PTO/SB/08A is enclosed herewith. In accordance with 37 C.F.R. 1.98, no paper copy of the U.S. Patent is enclosed. This information is supplemental to the Information Disclosure Statements filed in the above-referenced matter on March 29, 2004 and October 31, 2005.

03/28/2006 DEMHANU1 00000057 501515 10680901

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The submission of this Supplemental Information Disclosure Statement and Form PTO/SB/08A is not an admission that the art cited is "prior" with respect to the present invention, nor is it a representation that a search has been conducted or that no better art exists. The Applicants reserve the right to swear behind or otherwise disprove any alleged "prior" nature of any art cited should the facts support and that situation warrant such an action. It is submitted that the art cited does not constitute a bar to the patentability of Applicants' invention under 35 U.S.C. §§ 102 or 103.

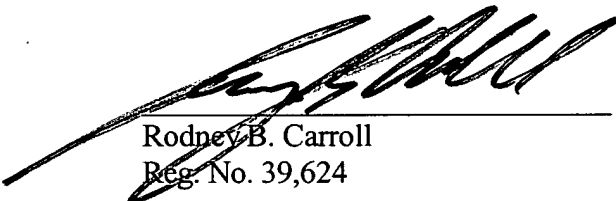
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Respectfully submitted,

CONLEY ROSE, P.C.

Date:

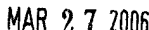
06, March 21



Rodney B. Carroll  
Reg. No. 39,624

5700 Granite Parkway, Suite 330  
Plano, Texas 75024  
(972) 731-2288  
(972) 731-2289 Facsimile

ATTORNEY FOR APPLICANTS



Approved for use through 07/31/2006. OMB 0651-0031

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**Complete if Known**

Application Number	10/680,901
Filing Date	October 6, 2003
First Named Inventor	David Joe Steele
Art Unit	3672
Examiner Name	Hoang C. Dang
Attorney Docket Number	2003-IP-012001 (1391-45200)

Sheet	1	of	1
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## U. S. PATENT DOCUMENTS

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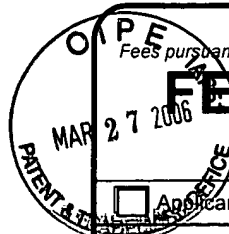
Examiner Signature		Date Considered	
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\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. <sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> See Kinds Codes of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov) or MPEP 901.04. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. <sup>6</sup> Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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Fees pursuant to the Consolidated Appropriations Act, 2005 (H.R. 4818).

# **FEE TRANSMITTAL** **For FY 2006**

☐ Applicant claims small entity status. See 37 CFR 1.27

**TOTAL AMOUNT OF PAYMENT (\$)** 180.00

**Complete if Known**

Application Number	10/680,901
Filing Date	October 6, 2003
First Named Inventor	David Joe Steele
Examiner Name	Hoang C. Dang
Art Unit	3672
Attorney Docket No.	HES 2003-IP-012001U1

**METHOD OF PAYMENT (check all that apply)**
☐ Check ☐ Credit Card ☐ Money Order ☐ None ☐ Other (please identify): \_\_\_\_\_

☒ Deposit Account Deposit Account Number: 50-1515 Deposit Account Name: Conley Rose, P.C.

For the above-identified deposit account, the Director is hereby authorized to: (check all that apply)

☒ Charge fee(s) indicated below ☐ Charge fee(s) indicated below, except for the filing fee

☒ Charge any additional fee(s) or underpayments of fee(s) under 37 CFR 1.16 and 1.17 ☒ Credit any overpayments

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**FEE CALCULATION (All the fees below are due upon filing or may be subject to a surcharge.)**
**1. BASIC FILING, SEARCH, AND EXAMINATION FEES**

Application Type	FILING FEES		SEARCH FEES		EXAMINATION FEES		Fees Paid (\$)
	Fee (\$)	Small Entity Fee (\$)	Fee (\$)	Small Entity Fee (\$)	Fee (\$)	Small Entity Fee (\$)	
Utility	300	150	500	250	200	100	
Design	200	100	100	50	130	65	
Plant	200	100	300	150	160	80	
Reissue	300	150	500	250	600	300	
Provisional	200	100	0	0	0	0	

**2. EXCESS CLAIM FEES**

Fee Description	Fee (\$)	Small Entity Fee (\$)
Each claim over 20 (including Reissues)	50	25
Each independent claim over 3 (including Reissues)	200	100
Multiple dependent claims	360	180

Total Claims	Extra Claims	Fee (\$)	Fee Paid (\$)	Multiple Dependent Claims
- 20 or HP =	x	50.00	=	Fee (\$)
HP = highest number of total claims paid for, if greater than 20.				Fee Paid (\$)
				0

Indep. Claims	Extra Claims	Fee (\$)	Fee Paid (\$)
- 3 or HP =	x	200.00	=
HP = highest number of independent claims paid for, if greater than 3.			

**3. APPLICATION SIZE FEE**

If the specification and drawings exceed 100 sheets of paper (excluding electronically filed sequence or computer listings under 37 CFR 1.52(e)), the application size fee due is \$250 (\$125 for small entity) for each additional 50 sheets or fraction thereof. See 35 U.S.C. 41(a)(1)(G) and 37 CFR 1.16(s).

Total Sheets	Extra Sheets	Number of each additional 50 or fraction thereof	Fee (\$)	Fee Paid (\$)
- 100 =	/ 50 =	(round up to a whole number) x	=	0

**4. OTHER FEE(S)**

Non-English Specification, \$130 fee (no small entity discount)

Other (e.g., late filing surcharge): Supplemental Information Disclosure Statement

180.00

**SUBMITTED BY**

Signature		Registration No. (Attorney/Agent) 39,624	Telephone (972) 731-2288
Name (Print/Type)	Rodney B. Carroll		Date <u>3-21-06</u>

This collection of information is required by 37 CFR 1.136. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 30 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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